Antonio Bellifemine

Florida, USA • abellifemine@proton.me • Portfolio

SF85P (Public Trust) Clearance.

Quality Assurance & Automation Engineer

QAaaS | DORA | Shift-Left

Technology

- JavaScript, Typescript, Java, Python, CSS, SQL, Playwright (including playwright MCP), Postman, Cypress, Mocha, Chai, Jest, Promptfoo (AI/ML Testing), Lodash, Axios, fetch, k6, Artillery, Docker, HTML, Git, CI/CD, Powershell, Bash, AWS, Azure, Mac, Linux, Windows

Core Competencies

- Identifying process bottlenecks; mentoring teams on shift-left testing and automation
- transforming reactive teams into proactive ones, optimizing feedback, quality, and delivery.
- Deep understanding of Agile, Scrum, Kanban, scrumban, and cross-functional team development best practices
- Scaling Manual & Automated testing best practices.
- Test Driven Development (TDD), Behavior Driven Development(BDD), and Acceptance Test Driven Development(ATDD)
- Improving team autonomy & decision making through servant leadership
- Breaking team silos, increasing healthy communication, reducing missed requirements
- Establishing, mentoring, & growing QA professionals, processes, & teams.

Work Experience

Explore Digits - *Rockville, MD*   09/2024 - 12/25
Sr. QA Automation Engineer

- Using Playwright Achieved 93% automation coverage for core user scenarios (from 0%), exceeding 90% target; provided metrics dashboard for historical application health tracking.
- Reduced test feedback cycle from >1 week to ~10 minutes, enabling rapid iterations and regression detection.
- Decreased production Change Failure Rate by ~90% (to <10%), improving reliability and team/user satisfaction.
- Increased exploratory testing to complement automation, covering edge cases and reducing release anxiety.
- Reduced Defect Slippage Rate from >68% to ~23%.
- Increased deployment frequency from quarterly to every sprint via CI/CD enhancements, ATDD, and automated testing; reducing regressions & accelerating lead time *(time from planning to production)*.

- Established company-wide QA standards and automation processes; delivered executive-visible dashboards for application and team health.

Dr. First - *Rockville, MD*   09/2023 - 06/2024
Sr. QA Automation Engineer
Implemented testing strategy and architected, developed, and automated custom testing solutions
- Led patient transaction testing framework strategy and architecture (Java/Maven/JDBC/Hazelcast), reducing manual effort from 4 days to ~2 minutes.
- Coached team on ATDD/Gherkin user stories, reducing rework and missed requirements by 80%.
- Automated REST API scenarios with 2FA, cutting feedback loop from days to minutes.
- Replaced manual regression with Custom Playwright framework reducing feedback cycle to 5 minutes.

Trustlayer - *Tampa, FL*   12/2021 - 08/2023
QA Automation Engineer
Designed and maintained automated testing solutions, enhancing software quality and reducing manual testing time.
- Modernized an existing Cypress testing suite, reducing the run time from 45 minutes to 12 minutes.
- Owned end-to-end & API automation strategy to replace external QA team saving over $80,000 annually
- Established first in-house testing capability & corrected teams inverted testing pyramid

Bluegrace Logistics - *Riverview, FL*   06/2017 - 12/2021
QA Engineer
executed automated test strategies, significantly improving test efficiency and ensuring high-quality software releases
- Optimized a Cypress test automation framework cutting feedback & release time by nearly 50%.
- Automated functional and non-functional API tests using Postman and Newman, eliminating 3 days of manual testing.
- Influenced feature development through early QA input in Scrum ceremonies and user advocacy.
- Conducted early risk assessments and added test cases to user stories, enabling developers to test features as they were built, prioritizing high-impact areas.
- Assisted the business in crafting user stories using Gherkin from the user's perspective.

Volunteer Experience

Gracie Jiu Jitsu - *Plant City, FL | Tampa, FL*   2018 – PRESENT
Brazilian Jiu Jitsu Instructor
- Guide, mentor, & instruct practitioners of all levels, fostering discipline, confidence, and respect through structured training.

- Encourage positive physical activity, reinforcing life skills, and promoting healthy habits through Brazilian Jiu Jitsu training.

Awards & Achievements

- **IT Team MVP -** Bluegrace Logistics   2019
- **Brazilian Jiu Jitsu Black Belt-** Gracie Tampa South   2023